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January, [illegible] Number 34

The University of North Carolina

RECORD

CONTAINING

Illustrations and General Information

Published by the University

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CHAPEL HILL, N. C.

ALUMNI HALL

JANUARY, 1905 No. 34

THE UNIVERSITY OF NORTH CAROLINA RECORD

CONTAINING

ILLUSTRATIONS AND GENERAL

INFORMATION

HAUSAUER, SON & JONES
BUFFALO, N. Y.

The University of North Carolina

"The thing that has been of most benefit to me all my life is the fact that I was a student at the University of North Carolina."—SENATOR VANCE.

History

1789–1905. One hundred and sixteen years.

The University of North Carolina was ordained of the people in the first Constitution of the State, adopted in 1776, and received the grant of a charter from the Legislature in 1789. It is, therefore, the oldest State University in the Southern States, and, in the entire Union, second only to the University of Pennsylvania. The corner stone of the old East Building was laid in 1793, and the University was opened to students in 1795. Since that date the progress of the institution has been constant, with the exception of a brief interruption at the close of the Civil War, and it has been maintained by the people of the State through legislative appropriations and bequests of lands, buildings, equipment and productive funds for the support of instruction and aid to its students.

The Larger University

New buildings, increased comfort, safety and convenience.

Since the academic year 1899-1900, $175,000 have been expended in improving the material equipment of the University. Four new buildings have been erected. Of these the Carr and Mary Ann Smith buildings are dormitories for the accommodation of students. They are fitted with every modern convenience and safeguard of health. The Alumni Hall is a large building, splendidly constructed and reserved for the offices of administration and for lecture rooms. The year 1901-02 was marked also by the installation of a central heating plant, which supplies all of the buildings on the campus. This system, with the electric lights supplied by the same plant, insures comfort and safety to students. Health is also safeguarded by the new system of water works and sewerage. Both have been installed in

all the buildings. The water works supply an abundance of pure, filtered water, and the sewers have been most carefully and scientifically constructed. These improvements make possible a thorough system of baths and perfect sanitation.

The William Preston Bynum, Jr., Gymnasium, has been completed, and is equipped for the best work.

One other building is now in process of construction: the Young Men's Christian Association Building.

Enrollment

The largest in the history of the institution.

The attendance for the present year will reach the large total of more than 670. Of this number over 400 are enrolled in the Academic Department. In this respect the University of North Carolina stands among the foremost southern educational institutions.

Increase of the Faculty

New departments and professors; additional instructors and assistants; new scientific apparatus.

During the last three years important additions have been made to the Faculty, which now numbers 68 members, of whom 42 are of professorial rank.

The former Department of Modern Languages has been divided into the Departments of Romanic and Germanic Languages, in charge of a full professor, an associate professor and two assistants. The Department of Economics and Finance has been created and placed in charge of an associate professor.

The Department of the English Language has been separated from that of English Literature. Each is conducted by an independent professor; there are also an associate professor and two instructors.

The Department of Biology has been enlarged by the appointment of an associate professor of Botany. In Chemistry the instruction has been greatly broadened by the extension of the work in Organic Chemistry, and the addition of courses in Physiological and Physical Chemistry. An additional professor has been assigned to the Department of History, and a rearrangement of courses has been made. The material equipment of the Department of Pharmacy has been doubled, and a School of Mining has been organized. Finally, an additional Physical Laboratory has been equipped for experimental work in electrical engineering.

Extension of the Medical Course

Four years of scientific training now offered by the University.

The University has established a full course in Medicine, leading to the degree of M.D. The work of the first two years will be conducted at the seat of the University as in the past. The remainder of the course is given at Raleigh, with its hospital and clinical facilities. The medical students of the State may now obtain excellent instruction within its borders, and at greatly reduced cost.

Purposes of the University

The service of the State and society in all phases—religious, moral, intellectual, industrial.

The purposes of the University, in its relation to the State, are manifold. Its service must first be directed to the educational interests of the community, and its aim is to offer to the young men of North Carolina and the South, of every religious faith, political belief and geographical section, opportunities for every type of culture—moral, intellectual and religious. The University training makes the most of a man that he is capable of becoming; develops the intellectual powers, broadens the sympathies and interests and gives a wider outlook upon life and its activities. In this phase of its work, the University aims to impart liberal culture, self-reliance, respect for the

opinions of others and love of truth; to make men broad and forceful, clear in observation and thought and effective in execution.

A further purpose of the University is to stimulate and elevate the educational ideals of the State. Its graduates hold chairs in colleges, conduct the secondary schools and, in general, direct the educational life of the people. The University also aims to give, through its special schools, that professional training which shall fit its students for effective work in the various learned professions.

Finally, the courses of instruction are so designed in breadth of treatment and scope of subjects as to supplement the work of many schools and colleges in the State, and to offer opportunities for advanced study and research to students who seek to increase their intellectual equipment by the study of a wider range of subjects or by specialization in a particular branch.

Location

An abode of learning chosen by the fathers of the State and hallowed by tradition, where is neither strife nor passion, but reverent quiet and love of truth.

The University is situated in the town of Chapel Hill, twenty-eight miles northwest of Raleigh. The site is near the geographic center of the State, and convenient of access to students from all sections. The climatic advantages are many. Chapel Hill is situated on an eminence of granite with a considerable elevation, and is free from the dampness and malarial influences of the coastwise sections. The winters are mild, and the air is clear and dry. The mean temperatures for the months of the college session since 1820 are: September, 71.3 October, 59.6; November, 49.9; December, 42.6; January, 39.8; February, 44.3; March, 49; April, 59.2; May, 67.8. The site of the University was happily chosen, also, because of its beauty and the character of the environment afforded to its students. The com-

munity is quiet and free from distracting influences; its streets are wide and heavily shaded, and the hills and forests of the neighboring sections afford every opportunity for sport and recreation.

Chapel Hill is situated on a branch of the Southern Railway. Two daily passenger trains connect at University Station with trains to and from Greensboro and Raleigh.

The Library

Large, well-selected and arranged; a source of power and inspiration to all students.

The University Library contains forty-two thousand bound volumes and twenty thousand pamphlets, and supplies material for general reading and special study in connection with work in the several departments of the University. It is open to students nine hours daily. Most of the departments have special libraries of practical working value. The reading room is well supplied with magazines, papers and reviews. The accessions to the library amount to about two thousand volumes annually.

Facilities for Instruction in Science

The scientific spirit and scientific method here presented in nine well equipped laboratories by fourteen skilled professors and instructors and eight assistants.

The University has well-appointed laboratories in Physics, Chemistry, Biology, Botany, Geology, Mineralogy, Pharmacy, Pathology, Bacteriology and Physiology. The rooms are well lighted and ventilated, and supplied with desks and tables for experimental work. The equipment includes improved types of apparatus and supplies for experimentation and illustration of lectures. The students are provided with modern apparatus for observation and study. Each department also has a museum, containing collections illustrating the courses in scientific subjects. The departmental libraries contain books of reference, treatises and journals. There are over five thousand volumes in these libraries.

Societies

The debating society of the olden time lives here with greatest vigor and freshness.

The Literary Societies offer facilities for practice in debate, oratory, declamation and essay writing. Each society owns a large, well-furnished hall, the walls of which are hung with oil portraits of illustrious members. These societies have given direction and force to the enthusiasm for debating which has prevailed in the past seven years. There are frequent inter-society contests, which give valuable training in the art of debate and prepare contestants for the intercollegiate contests in which the University has been most successful. The societies for special

THE LIBRARY

culture, the Elisha Mitchell Scientific Society, the Shakespere Club and the Philological Club, offer unusual facilities for original research and study. Meetings are held monthly, and papers are read and discussed. Students are encouraged to attend and to contribute to the programs and discussions. The North Carolina Historical Society is located at the University. Its work is open to all students and gives access to valuable historical material.

Campus and Buildings

The ancient oaks now shade new roofs beneath which thrills an eager modern life; here the olden day stands witness of the new, and each has its lesson to enforce.

The University campus contains forty-eight acres of land, affording ample ground for buildings and for all sorts of athletic sports. There are, contiguous to the campus, five hundred acres of forest land, which is partly laid off into walks and drives. The University has seventeen build ings, which afford ample room for lecture halls, laboratories, dormitories, gymnasium and Y. M. C. A. halls. Five of these buildings are large and new structures, thoroughly modern in style. The Carr Building, the gift of General J. S. Carr, of Durham, affords accommodation to eighty students, with every modern convenience. The Alumni Building is one of the finest buildings in this State. It is used for offices of administration and for lecture rooms. The Mary Ann Smith Building contains nearly forty rooms for students. The Gymnasium is the gift of Judge William Preston Bynum, of Charlotte, in memory of his grandson, William Preston Bynum, Jr., of the Class of 1893. It is now completed and was opened for use in January, 1905. Its appointments are modern and complete.

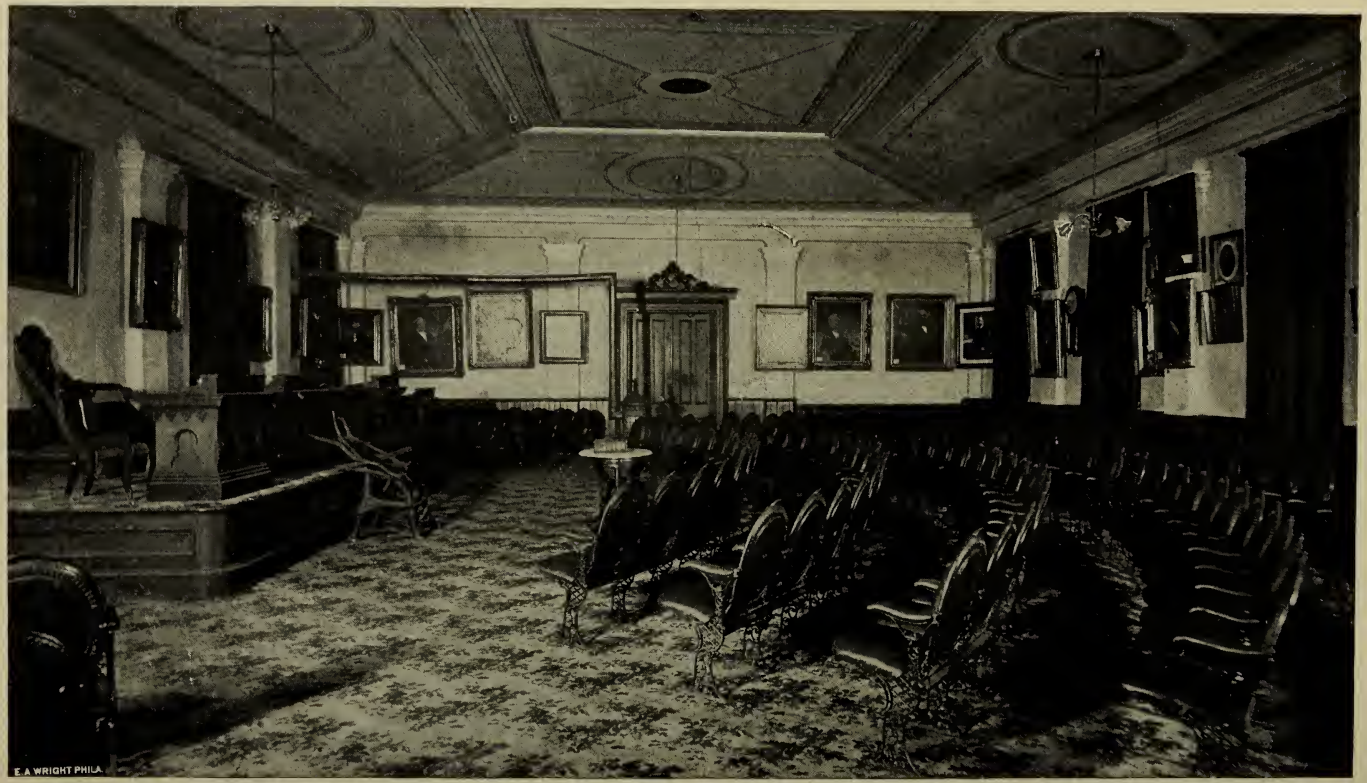
The Young Men's Christian Association Building, in process of erection, will greatly increase the efficiency of the Association's work, which is already of far-reaching importance. The funds for this building were contributed by students, Alumni and other friends. All dormitories, lecture-rooms, laboratories and other University buildings are heated by hot water and lighted by electricity.

Departments

Breadth of culture and fitness for living or special preparation for professional service; either is in the gift of the University.

The University comprises the following departments:

The Academic Department.
The Graduate Department.
The Law School.
The Medical School.
The School of Pharmacy.
The School of Mining.
The Summer School.



HALL OF THE DIALECTIC SOCIETY

The Academic Department

Faculty and Courses

PROFESSORS, 28 INSTRUCTORS, 7 ASSISTANTS 14 COURSES, 159

President

FRANCIS PRESTON VENABLE, PH.D., LL.D., D.SC.

Student of the University of Virginia and of the Universities of Bonn, Gœttingen and Berlin. A.M., Ph.D., University of Gœttingen. LL.D., University of Pennsylvania. D. Sc., Lafayette College. Professor of Chemistry, University of North Carolina.

GREEK

EBEN ALEXANDER, PH.D., LL.D., Professor.

A.B., Yale. Ph.D., Maryville. LL.D., University of North Carolina. Instructor, University of Tennessee. Professor, Ibid. U.S. Minister to Greece, Roumania and Servia.

WILLIAM STANLY BERNARD, A.M., Instructor.

A.B., A.M., University of North Carolina. Librarian, Ibid.

Courses in Greek Language and Literature.....12
" " " Art and Antiquities..... 2

LATIN

GEORGE HOWE, PH.D., Professor.

A.B., Princeton. Ph.D., University of Halle. Student at Oxford, England.

THOMAS JAMES WILSON, JR., PH.D., Associate Professor.

A.B., A.M., Ph.D., University of North Carolina. Teacher in Graded Schools, Charlotte, N.C. Student at University of Chicago.

Courses in Latin Language and Literature.....10
" " " Art and Antiquities..... 2

GERMANIC LANGUAGES

WALTER DALLAM TOY, M.A., Professor.

M.A., University of Virginia. Student at Leipsic, Berlin, La Sorbonne and College de France.

THOMAS BRAGG HIGDON, Assistant.

University of North Carolina.

Courses in German Language and Literature..... 4
" " " Germanic Philology..... 3

ROMANIC LANGUAGES

James Dowden Bruner, Ph.D., Professor.

Student and Assistant in Latin, Georgetown (Ky.) College. A.B., Franklin College. Instructor, Ibid. Student in Paris, Florence and at Johns Hopkins University. Ph.D., Ibid. Professor, University of Illinois. Assistant Professor University of Chicago.

William Picard Jacocks, A.B., Assistant.

A.B., University of North Carolina.

Thomas Bragg Higdon, Assistant.

University of North Carolina.

Courses in French..... 5
" " Spanish..... 1
" " Italian..... 1

ENGLISH

Thomas Hume, D.D., LL.D., Professor.

A.B., A.M., D.D., Richmond College. Student, University of Virginia. LL.D., Wake Forest College.

Charles Alphonso Smith, Ph. D., Professor.

A.B., Davidson College. A.M., Ibid. Ph.D., Johns Hopkins University. Student in London, Paris and Berlin. Instructor, Johns Hopkins University. Professor, Louisiana State University.

Edward Kidder Graham, A.M., Associate Professor.

Ph.B., University of North Carolina. Librarian, Ibid. Student, Harvard University. A.M., Columbia University.

John McLaren McBryde, Jr., Ph.D., Associate Professor.

A.B., South Carolina College. Ph.D., Johns Hopkins University. Professor of English, Hollins Institute.

George McFarland McKie, Instructor.

Graduate of Emerson School of Oratory. University of North Carolina.

Edgar David Broadhurst, Ph.B., Assistant.

Ph.B., University of North Carolina. Superintendent of Schools, Greensboro.

Courses in English Language..... 6
" " " Literature.....10
" " Expression 2

HISTORY

Kemp Plummer Battle, LL.D., Professor.

A.B., A.M., University of North Carolina. LL.D., Davidson College. Tutor, Professor and President, University of North Carolina.

Charles Lee Raper, Ph.D., Associate Professor.

Marcus Cicero Stephens Noble, Professor.

Courses in History.....14

ECONOMICS AND FINANCE

Charles Lee Raper, Ph.D., Associate Professor.

Student in Trinity College and Columbia University. Instructor, Trinity College. Professor, Greensboro Female College. University Fellow Columbia University. Lecturer Barnard College, Columbia University. Ph.D., Columbia University.

Courses in Economics and Finance..... 6

PHILOSOPHY

Henry Horace Williams, A.M., B.D., Professor.

A.B., A.M., University of North Carolina. B.D., Yale. Student and Fellow, Harvard. Professor, Trinity College.

Courses in Philosophy..... 5

MATHEMATICS

William Cain, C.E., Professor.

North Carolina Military and Polytechnic Academy. Civil Engineer. Professor Carolina Military Institute. Professor, South Carolina Military Academy.

Archibald Henderson, Ph.D., Associate Professor.

A.B., University of North Carolina, 1898. A.M., 1899. Ph.D., 1901. University of Chicago, 1902–03.

Marvin Hendrix Stacy, A.M., Instructor.

Ph.B., A.M., University of North Carolina.

Nathaniel Cortlandt Curtis, Ph.B., S.B., Instructor in Drawing.

Ph.B., University of North Carolina. S.B., Columbia University, School of Architecture.

Courses in Mathematics and Drawing.....16

PHYSICS

Joshua Walker Gore, C.E., Professor.

Richmond College. C.E., University of Virginia. Fellow, Johns Hopkins University. Professor, Southwest Baptist University. Assistant, University of Virginia.

James Edward Latta, A.M., Associate Professor.

Ph.B., A.M., University of North Carolina. A.M., Harvard University.

Gustavus Chambers Crawford, Associate Professor.

A.B., University of New Brunswick. A.B., S.B., in Electrical Engineering, A.M., Harvard University.

Albert Whitehead Latta, Ph.B., Assistant.

Ph.B., University of North Carolina.

Courses in Physics..... 8

CHEMISTRY

Charles Holmes Herty, Ph.D., Professor.

Ph.B., University of Georgia. Ph.D., Johns Hopkins University Adjunct Professor, University of Georgia. Student in Universities of Zurich and Berlin.

Francis Preston Venable, Ph.D., Professor.

CHEMISTRY (CONTINUED)

ALVIN SAWYER WHEELER, PH.D., Associate Professor.

A.B., Beloit College. A.M., Harvard University. Ph.D., Ibid. University of Chicago. Cornell University. Assistant, Harvard University.

JAMES EDWARD MILLS, PH.D., Associate Professor.

A.B., Davidson College. Ph.D., University of North Carolina. Instructor in Chemistry, Ibid.

ROYALL OSCAR EUGENE DAVIS, PH.D., Instructor.

Ph.B., University of North Carolina. Ph.D., Ibid.

WILLIAM MCKIM MARRIOTT, S.B., Assistant.

WADE HAMPTON OLDHAM, Assistant.

EDGAR EUGENE RANDOLPH, A.B., Assistant.

University of North Carolina.

Courses in Chemistry.....15

BIOLOGY

HENRY VAN PETERS WILSON, PH.D., Professor of Zoology.

A.B., Ph.D., Johns Hopkins University. Bruce Fellow, Ibid. Assistant, United States Fish Commission.

WILLIAM CHAMBERS COKER, PH.D., Associate Professor of Botany.

B.S., South Carolina College. Ph.D., Johns Hopkins University. University of Bonn.

HARRY ARDELL ALLARD, Assistant.

WILLIAM GRAY AMICK, Assistant.

WILLIAM HERBERT KIBLER, Assistant.

ROBERT FREDERICK LEINBACH, Assistant.

Courses in Zoology..... 6

" " Botany..... 4

GEOLOGY AND MINERALOGY

COLLIER COBB, A.M., Professor.

A.B., A.M., Harvard University. Instructor, Massachusetts Institute of Technology, Harvard, Boston University. Assistant, United States Geological Survey.

JOSEPH AUSTIN HOLMES, S.B., Professor of Mining Geology.

S.B., Cornell University. State Geologist, North Carolina.

JOSEPH HYDE PRATT, PH.D., Professor of Economic Geology.

Ph.B., Ph.D., Yale University. Instructor in Mineralogy, Ibid. State Mineralogist, North Carolina.

ROBERT GILLIAM LASSITER, Assistant.

GEORGE MALLETT MACNIDER, Assistant.

REX WILLIAM PERRY, Assistant.

Courses in Geology and Mineralogy.....11

PEDAGOGY

MARCUS CICERO STEPHENS NOBLE, Professor.

University of North Carolina. Davidson College. Commandant, Bingham School. Superintendent of Schools, Wilmington, N.C.

Courses in Pedagogy..... 6

The Bachelor's Degree

In the Academic Department instruction is offered in three general groups of study leading to the degree of Bachelor of Arts. Four years are usually required for the completion of this course. It furnishes a broad, secure foundation of liberal culture, together with opportunities for specialization in single branches. The principle of election, in a conservative and salutary form, is recognized in the arrangement of this course. In the Freshman and Sophomore years of each group, there are both definite requirements and also election between connected studies, so arranged that each student may have a well-rounded course. The work of the Junior and Senior years is entirely elective, and each student may select such studies as will be of special use to him in his chosen profession or business; he must, however, obtain the approval of the Dean of the University for the studies selected. It is urgently recommended that the selection be made on the principle of continuity and symmetry.

Requirements for Admission

Applicants for admission should present certificates on the form provided by the University.

The subjects and examinations required for entrance into the University depend upon the group of studies to be pursued after entrance. Candidates for admission to the course leading to the degree must satisfy the following requirements

For all candidates for entrance:

English—Rhetoric and Composition upon subjects chosen from the list of books announced in the catalogue.

Mathematics—Arithmetic; a good school Algebra through Progression and Logarithms; College Algebra to Quadratic Equations three books of plane Geometry.

History—Either the histories of Greece, Rome and the United States, or of the United States and England.

The following additional requirements depend upon the group of studies chosen.

Group 1.

Latin—Cæsar (two books); Cicero (four orations); Vergil (six books); Composition.

Greek—Anabasis (three books); Composition.

Group 2.

The requirements in Latin, or in Greek, and in addition the equivalent of one year's work in Physics and in French or German.

Group 3.

The equivalent of one year's work each in Physics and in French and German.

In general the University accepts, without examination, students who present certificates on the blank form provided for the purpose, signed by the principal of an approved school. But the right is reserved to examine such students when necessary in the opinion of the faculty.

No advanced standing may be granted for work done at institutions below collegiate standing, except after a satisfactory examination.

Necessary Expenses

The best advantages at a small cost

The dues payable at the beginning of each of the two terms are as follows:

Tuition (Academic)	$30.00
Registration fee	5.00
Medical and Infirmary fee	3.00
Gymnasium fee	2.00
Library fee	2.00
	$42.00

The sum of $2 must be deposited as security for damage to University property. Any balance is returned. Late registration also necessitates an additional fee of $2.

The cost of living for a session of nine months in the Academic Department of the University may be seen from the following table:

University fees	$84.00
Room and Heat	9.00 to 27.00
Lights	3.37
Board (Commons)	72.00
Laundry	9.00
Books and Stationery	15.00
	$192.37 to $210.37

Students having scholarships or free tuition should deduct $60 from this total.

The amounts stated insure comfort and health. By rigid economy the total may be reduced. Rooms may be obtained in the town at about $1.50 to $2.50 per month. The price of board ranges from $7.50 to $13.50 On application, the Registrar will furnish a list of persons offering rooms and board. The rooms in the college dormitories are unfurnished.

Pecuniary Aid

Over nine hundred students aided by loans and scholarships within twenty years.

The income of certain gifts to the University affords one hundred and sixteen scholarships for meritorious students of slender means. There is, also, the Deems Fund, which provides loans for the very needy who show unusual merit.

The number of scholarships and loans is limited, but they are given without reference to county or State lines, to students of talent, character and financial need. These facts must be established by testimonials. All applications for scholarships and loans must be filed in the President's office before August 15th. The former State law giving a scholarship to each county was repealed some years ago.

Free Tuition

This law is applicable only to students in the Academic Department.

Free tuition is given in the Academic Department to sons of ministers, to candidates for the ministry, to young men under bodily infirmity, to public school teachers and to those who intend to teach.

MARY ANN SMITH BUILDING

The Graduate Department

Admission and Degrees

Special courses for graduate students.

The development of the University has made it necessary to enlarge the scope of the graduate work and to put a greater emphasis upon it. The growth of the faculty has rendered it possible to offer many additional courses, and these now form a distinct department of the University.

The Graduate Department offers special advanced instruction in all the subjects named above under the College Department. The Degrees of Master of Arts and Doctor of Philosophy are conferred. Graduates of other institutions are admitted to these courses without examination, provided they can satisfy the professors whose courses they wish to attend that they are prepared to profit by the work offered. The attainment of the University degrees by such students will depend upon their own ability and the thoroughness of their previous preparation. Special students not candidates for degrees are also received, and graduates of the University may study for the Master's Degree without residence.

Expenses

There is no charge for tuition in the case of graduates of colleges. An application for an advanced degree must be accompanied by the registration fee of $10.

Admission of Women

Graduates of higher institutions for the training of women are admitted to such advanced classes as the faculty may direct. Also those who have been engaged in teaching are admitted to the same classes.

The Department of Law

The percentage of successful applicants for license always the highest.

Faculty

James Cameron MacRae, LL.D., Dean.

LL.D., University of North Carolina. Attorney at Law. Judge of Superior and Supreme Courts.

Lucius Polk McGehee, A.B., LL.B., Professor.

A.B., LL.B., University of North Carolina. Associate Editor, American and English Encyclopedia of Law.

Law students may also attend the courses of Professors Battle and Raper in History and Economics, and of Professor Mangum in Medical Jurisprudence.

Methods of Instruction Instruction is given by means of text-books, lectures, the study of leading cases and moot courts. Two courses are provided, each extending over a period of one college year. The first course is that prescribed by the Supreme Court of North Carolina for applicants for license to practice law; the second is an advanced course, leading to the Degree of Bachelor of Laws. There are three classes—one beginning in September, one in January, and one pursuing the advanced course. New students may enter either in September or January. A Summer School is held annually in June, July and August, covering the course prescribed by the Supreme Court for applicants for license. A course in Elementary Law is also given. This is open to Academic students, on payment of a small fee.

Expenses The expenses of a session of nine months in the Department of Law need not exceed $250.

Summer Law School The summer course in Law will begin on June 7th and close on August 18th.

The Department of Medicine

Faculty

(AT CHAPEL HILL)

Eight Professors; Nine Scientific Laboratories.

Richard Henry Whitehead, A.B., M.D., Dean.

A.B., Wake Forest College. M.D., University of Virginia. Demonstrator, University of Virginia.

Charles Staples Mangum, A.B., M.D., Professor.

A.B., University of North Carolina. M.D., Jefferson Medical College. Assistant Demonstrator, Ibid.

Isaac Hall Manning, M.D., Professor.

University of North Carolina. Assistant in Chemistry, Ibid. M.D., Long Island College of Medicine. Graduate Student, University of Chicago. Harvard University.

Harry Murray Jones, A.B., William Calhoun Rice, Assistants in Anatomy and Pathology.

Professors Gore, Wilson, Herty, Wheeler, Mills, Coker and Dr. Davis, of the Academic Faculty.

THE CARR BUILDING

Courses

(AT CHAPEL HILL)

The first two years of instruction are given at the seat of the University, at Chapel Hill, to avoid duplication of expensive laboratory equipment, and to secure all the advantages of the Academic courses in Physics, Chemistry, Biology, etc. This department is under the charge of Dr. R. H. Whitehead, Dean.

Methods of Instruction The course includes Chemistry, Biology, Histology, Physics, Anatomy, Physiology, Pathology, Minor Surgery, Materia Medica and Toxicology. Close contact with the instructors guarantees thorough work. The two years of instruction given here are accepted by medical colleges of high standing as equivalent to the first two years of their course.

The Medical Department has laboratories of Pathology and Bacteriology supplied with modern apparatus for experimental and lecture work; also a dissecting hall for an extensive study of practical anatomy. The laboratories of Chemistry and Biology are also open to medical students. Excellent equipment is provided for the study of these branches.

Courses The work in this department covers two years. It is divided as follows:

First year. Physics, Chemistry, Histology, Anatomy, Physiology, Biology.

Second Year. Chemistry (laboratory), Toxicology, Physiological Chemistry, Anatomy, Bacteriology, Physiology, Pathology, Materia Medica, Minor Surgery. Certain of these studies are elective.

Expenses The total expenses per year, including board, lodging, etc., need not exceed $200.

The Department at Raleigh

Faculty

HUBERT ASHLEY ROYSTER, A.B., M.D., Dean.

A.B., Wake Forest College. M.D., University of Pennsylvania. House Surgeon Mercy Hospital, Pittsburg, Pa.

WISCONSIN ILLINOIS ROYSTER, M.D., Professor.

M.D., Bellevue Hospital Medical College. House Physician, Lake Mahopac (N. Y.) Hospital.

AUGUSTUS WASHINGTON KNOX, M.D., Professor.

Student University of Virginia. M.D., Bellevue Hospital Medical College. Interne, Bellevue Hospital. Interne, Woman's Hospital, New York.

RICHARD HENRY LEWIS, M.D., Professor.

Student University of North Carolina; University of Virginia. M. D., University of Maryland. Student Royal Ophthalmic Hospital, London.

KEMP PLUMMER BATTLE, A.B., M.D., Professor.

A.B., University of North Carolina. M.D., University of Virginia; Bellevue Hospital Medical College. Student, Metropolitan Throat Hospital, London; Royal Ophthalmic Hospital, London; Throat Department, Bellevue Hospital Dispensary; Ophthalmic and Aural Institute, New York; Eye and Ear Infirmary, New York. Surgeon, U S. Marine Hospital.

ANDREW WATSON GOODWIN, M.D., Professor.

M.D., Bellevue Hospital Medical College.

HENRY MCKEE TUCKER, M.D., Professor.

M.D., University of Maryland.

JAMES MCKEE, M.D., Professor.

Student, University of North Carolina; M.D., Bellevue Hospital Medical College; Secretary, North Carolina Medical Society; President, Raleigh Academy of Medicine; Superintendent, State Hospital, Raleigh, N.C.

JAMES WILLIAM MCGEE, JR., M.D., Lecturer.

Student, College of Physicians and Surgeons. M.D., Bellevue Hospital Medical College.

ROBERT SHERWOOD MCGEACHY, A.B., M.D., Chief of Dispensary.

A.B., Davidson College. M.D., Bellevue Hospital Medical College. Physician to N. C. Soldiers' Home.

WILLIAM DEBERNIERE MACNIDER, M.D., Demonstrator.

Assistant in Anatomy, University of North Carolina. M.D., Ibid.

LEONE BURNS NEWELL, A.B., Assistant Demonstrator.

Courses at Raleigh

Course of Instruction The course includes Medicine, Surgery, Obstetrics, Pediatrics, Gynæcology, Diseases of the Eye, Ear, Throat and Nose, Clinical Pathology, Hygiene, Diseases of the Skin, Nervous Diseases and Physical Diagnosis. Especial attention is given to individual teaching. The two sessions here given represent the last two years of a four years' medical curriculum.

Equipment A well-equipped laboratory for practical work in blood, urine, sputum and sections affords exceptional opportunities for each student. A competent instructor is in charge.

Clinics The Free Dispensary under the direction of the City of Raleigh furnishes a large quantity of clinical material for daily drill. Clinics are held at Rex Hospital and at St. Agnes Hospital, both of which institutions are attended by the Faculty.

SOUTH BUILDING AND THE WELL

The

Department of Pharmacy

The best laboratory facilities in pharmacy and general science.

Faculty

Edward Vernon Howell, A.B., Ph.G., Dean.

A.B., Wake Forest College. Ph.G., Philadelphia College of Pharmacy.

Clarence Flagler, Assistant.

Professors Gore, Wilson, Mangum, Herty, Wheeler, Coker, Mills, and Dr. Davis, of the Academic Faculty.

General Statement This school has been established with well-supplied laboratories, specimens and a complete equipment. There is a two years' course leading to the degree of Ph.G. A complete pharmaceutical education can be obtained here at greatly lower cost than in the Northern colleges.

Equipment The pharmaceutical laboratories are well-equipped and cover a floor space of 2,500 square feet. In addition the student has instruction in the Chemical, Physical and Botanical laboratories.

Expenses The expenses of a session of nine months in the Department of Pharmacy need not exceed $200.

The Summer School for Teachers

General Statement The Summer School of the University of North Carolina was established in 1877. The total number of teachers who have attended is 3,937. The large equipment of the University, fine library, shady campus, and healthy location, make it an ideal place for holding such a school.

Faculty The Faculty for the coming summer numbers more than twenty instructors and a dozen special lecturers. A number of the most prominent and successful teachers from all parts of the United States have been secured. An appropriation three times as large as usual has made it possible to gather a larger and stronger faculty than ever before.

Courses Instruction will be given in all subjects taught in the common schools of the State, and in such higher branches as are most needed for the improvement of the teachers. There will also be thorough courses in manual training, methods and school management given by experts and specialists. Certificates will be given to all those who remain to the end of the term in attendance upon three or more courses.

Expenses The school will begin June 12 and close July 7, lasting four weeks. The only fee charged by the University is one of $5. Board and lodging can be secured for from $9.00 to $10.00 for the four weeks. Special dormitories will be prepared for women.

General Items

Religious Interests The University, as a State institution, is non-denominational. Though controlled by no special sect, it recognizes religion and morality as the basis of character. The spirit of its instruction and college life is broad and sympathetic, but essentially conservative, devout, Christian. The religious influences in the University are manifold, active and well-directed. Morning prayers are held daily in Gerrard Hall. Attendance is required. Each month, also, a sermon is delivered by one of the University preachers. There are special courses of instruction in the English Bible, and lectures on Bible History are delivered each Sunday morning in Gerrard Hall. The Young Men's Christian Association meets four times each week, conducts a number of systematic courses for the study of the Bible and of Missions, and assists in Sunday-school work in the town and county.

Discipline The University endeavors to make young men manly and self-reliant, and develop character by educating the conscience. The discipline of the institution is administered upon a basis of honor and manhood in its students. Courtesy and consideration prevail in all relations, and the friction of the college life begets mutual regard, sympathy and respect between the teacher and taught. The faculty may, however, at their discretion, admonish, suspend or dismiss students for neglect of duty or for misconduct.

Labor and Self Help

"Here honorable labor, even rough labor, of the hands is glorified by high purpose."

It is confidently believed that no institution offers wider opportunities for self-help to meritorious students of slender means. The desire is that no worthy boy, however poor, shall ever be turned away for lack of means.

There are a number of ways in which a young man can pay in part or in whole his expenses while a student at the University. Between one-fourth and one-third of the students at the University are thus helping themselves. The following are some of the forms of employment available: Teachers, printers, stenographers, typewriters, bookkeepers, tellers or monitors, waiters, wood saywers, janitors, clerks, clothes pressers, machinists, agents for clothing, books, athletic supplies, etc. Work of this kind is rarely in the gift of the University authorities. Bright young men who have a will to help themselves generally find the way.

Care of Students' Health

Thorough sewerage, pure water, and central heating; the best of hygienic conditions.

The health of the students is the special charge of the Medical Department of the University. On payment of a small medical fee all students receive the careful attention of the University physicians, Dr. Whitehead and Dr. Mangum. They are, by this arrangement, relieved of the possible expense of large medical bills in case of prolonged illness, and parents may rest assured that their sons will have the best medical advice if they need it. An infirmary has recently been built and comfortably furnished, containing improved equipment for the care of the sick. A trained nurse is in constant attendance at the infirmary.

Athletics and Physical Training

The University has excellent facilities for physical training. The gymnasium is equipped with modern appliances for exercise, and is under the supervision of an experienced director. Attendance at the gymnasium is required daily of all academic students except Seniors.

The athletic interests are controlled by the students, with the advice and supervision of the faculty. The baseball teams compete successfully with those of the largest colleges of the country, and in football and track athletics the University is one of the leaders among Southern colleges.

The Value of University Training

The practical value of University training is clearly shown in the lives of her sons, who have been leaders in every great movement in the State and the entire South—political, social and industrial; in the pulipit, at the bar, in business, or in the councils of the state and nation.

Among the distinguished Alumni, mention may be made of James K. Polk, William R. King, William A. Graham, John Y. Mason, Willie P. Mangum, Jacob Thompson, John Branch, Z. B. Vance, D. L. Swain, Archibald D. Murphey, Francis P. Blair, William H. Bingham, William Hooper, Thomas Bragg, William H. Battle, Leonidas Polk, John M. Morehead, Thomas Ruffin, J. Johnston Pettigrew, Thomas S. Ashe, Thomas C. Manning, Frederick D. Lente, Alfred M. Scales, Thomas Settle, Archibald M. DeBow, Matt. W. Ransom, Thomas M. Holt.

The list of eminent Alumni includes one President of the United States, two Vice-Presidents, ten Cabinet Officers, seventeen Ministers to Foreign Courts, fourteen United States and ten Confederate States Senators, twenty Governors of States, twenty-three Justices of the Supreme Court, sixteen Generals, four Bishops, eighteen College Presidents, fifty-nine Professors in Colleges and Universities.

Cost to the State

The University receives from the State this year an appropriation of $37,500. The appropriation, if collected *per capita,* would amount to about 2 cents per annum to each inhabitant; but the tax is paid entirely by property, and *the mass of the people in the State really contribute little or nothing to its support.* A man who pays only a *poll tax* contributes *nothing.* A man *listed* at $100 pays less than 1 cent annually to the regular appropriation, at $500 less than 5 cents, at $1,000 less than 10 cents, at $5,000 less than 50 cents. The average taxpayer is listed at less than $500, and, therefore, pays less than 5 cents. About four-fifths of the taxpayers pay *less than* 10 *cents a year* for an appropriation of $37,500, for the support of the University.

The tax for the University does not come from the public school fund. It is a tax on property alone, and its advantages accrue to the sons of the poor. It is a tax of the property-holders for the benefit of themselves, their neighbors and the State. It is an application of Christianity to government.

The University and the Public Schools

The University is the logical head of the entire system of public educational institutions. This is the American idea, and every State in the Union has a University at the head of its school system. The University of North Carolina has always been foremost in fostering and developing the schools. For the last twenty years forty per cent. of each graduating class has gone into the school service. There is a Department of Pedagogy for the training of teachers and a Summer School for those who are already teaching and who are unable to attend its regular sessions. Thus a great many teachers have been fitted for work in the secondary schools. The wider interest in education during the past year has increased the demand for teachers in the lower public schools. To supply this demand it will be necessary to add a distinct Normal Department to the University, with special teachers for the subjects required in the public schools. This will be done as soon as the necessary funds are provided.

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Announcements

THE Fall Term of the next session will begin September 11, 1905; the Spring Term, January 2, 1906. There is a recess of about ten days at Christmas. Commencement in 1905 will be on May 31; in 1906, on June 6.

2. Applicants for Admission will be examined September 11, 12 and 13, 1905. They should reach Chapel Hill one or more days before the examination period.

3. The Summer Law School, June 7–August 18, 1905.

4. The Summer School for Teachers, June 12–July 7, 1905.

5. For the catalogue of the University of North Carolina, or for detailed information address

FRANCIS P. VENABLE,
President.

UNIVERSITY OF NORTH CAROLINA
CHAPEL HILL